

II. AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A computer system for generating source code, said computer system comprising:

a user amendable generator dictionary having a plurality of entries for associating a generator routine with a generator identity, said generator identity identifying a code generator and said generator dictionary comprising at least one logical generator and at least one physical code generator, wherein each of the at least one physical code generator is independent from each other of the at least one physical code generator, wherein ~~each~~ all of the physical code generator generates generators generate physical code corresponding to one of a plurality of performed operations of an application adapted for ~~a particular~~ an identical target environment, wherein a plurality of physical code generators is necessary to process a common application, wherein each physical code generator independently processes a separate portion of the application and wherein said generator dictionary is adapted to be amended by the user to remove at least one code generator and to replace the at least one code generator with a replacement code generator; and

a code generation framework tool wherein said code generation framework tool,
responsive to a request for an invocation of said generator routine, invokes said code
generator identified by said generator identity associated with said generator routine;

wherein the at least one logical generator calls the at least one physical code generator to
generate source code.

2. (Original) The computer system of claim 1 wherein said generator dictionary comprises a
plurality of generator routines, each of said generator routines associated with a generator
identity.

3. (Original) The computer system of claim 1 wherein said generator dictionary comprises a text
file.

4. (Original) The computer system of claim 1 wherein said generator routine comprises a logical
generator name.

5. (Original) The computer system of claim 1 wherein said code generation framework tool
retrieves from said generator dictionary said generator identity responsive to said request.

6. (Previously Presented) A method for generating source code from input data, said method
comprising:

responsive to a request for invoking a generator routine, identifying from a plurality of code generators a code generator associated with said generator routine, wherein the identified code generator corresponds to one of a plurality of performed operations of the input data, wherein a plurality of physical code generators is necessary to process a common application, and wherein each physical code generator independently processes a separate portion of the application;

passing said input data to said code generator identified, said code generator being operable to:

- call another code generator to generate the source code; and
- generate the source code independently of other code generators.

7. (Previously Presented) The method of claim 6 wherein said identifying comprises:

- retrieving from a user amendable generator dictionary code generator identity data associated with said generator routine, wherein the generator dictionary is adapted to be amended by the user to remove at least one of the plurality of code generators and to replace the at least one of the plurality of code generators with a replacement code generator.

8. (Original) The method of claim 7 wherein identifying further comprises:

- prior to said retrieving, locating said generator routine in said generator dictionary.

9. (Original) The method of claim 7 wherein said generator dictionary comprises a lookup table.

10. (Original) The method of claim 7 wherein said generator dictionary comprises a text file.

11. (Currently Amended) A method of generating source code for a first and a second deployment environment from a single input, said method comprising:

invoking a first code generator to generate source code for said first deployment environment from said single input, said first code generator identified by retrieving code generator identity data from a user amendable generator dictionary based on a generator routine, wherein the first code generator generates source code independently of each other code generator and corresponds to one of a plurality of performed operations of the single input in the first deployment environment, wherein a plurality of physical code generators is necessary to process a common application, and wherein each physical code generator independently processes a separate portion of the application;

modifying said generator dictionary to associate a second code generator with said generator routine by removing the first code generator and replacing the first code generator with the second code generator; and

invoking said second code generator to generate source code for said second deployment environment from said single input, said second code generator identified by retrieving code generator identity data from said generator dictionary based on said generator

routine, wherein the second code generator generates source code corresponding to the performed operation of the single input in the second deployment environment.

12. (Original) The method of claim 11 wherein said invoking said first code generator comprises a call issued by one of a code generation framework tool and a code generator; and wherein said invoking said first code generator comprises a call issued by one of said code generation framework tool and a code generator.

13. (Original) The method of claim 11 wherein said modifying comprises editing said generator dictionary.

14. (Currently Amended) A generator dictionary stored on a recordable medium comprising:
a plurality of generator routines that include at least one logical generator and at least one physical code generator that is independent from each other of the at least one physical code generator, each of said generator routines associated with code generator identity data, wherein ~~each~~ all of the plurality of generator routines ~~generates~~ generate source code corresponding to one of a plurality of performed operations in an application adapted for ~~a particular~~ an identical target environment, wherein a plurality of physical code generators is necessary to process a common application, and wherein each physical code generator independently processes a separate portion of the application, and

wherein the at least one logical generator calls the at least one physical code generator to generate source code, and

wherein the generator dictionary is designed to be amended by a user by removing at least one of the plurality of generator routines and replacing the at least one of the plurality of generator routines with a replacement generator routine.

15. (Currently Amended) A code generation framework tool comprising:

a receiver for receiving input data;

a user amendable generator dictionary accessor for retrieving data from a generator dictionary comprising at least one logical generator and at least one physical code generator that is independent from each other of the at least one physical code generator; and

an invoking mechanism for calling a code generator;

wherein, responsive to a receipt of input data at said receiver, said invoking mechanism calls a code generator identified by identity data retrieved by said generator dictionary accessor from a generator dictionary, the identified code generator corresponding to one of a plurality of performed operations of the input data, wherein a plurality of physical

code generators is necessary to process a common application, and wherein each physical code generator independently processes a separate portion of the application, and

wherein the generator dictionary is adapted to be amended by the user to remove the code generator and replace the code generator with a replacement code generator.

16. (Original) The code generation framework tool of claim 15 further comprising:

a data dictionary associating a generator routine with identity data identifying a code generator.

17. (Previously Presented) The code generation framework tool of claim 16 wherein said generator dictionary accessor identifies a generator routine within said input data received and wherein said code generator identified is determined by retrieving said identity data associated with said generator routine identified.

18. (Currently Amended) A computer readable medium storing instructions and data, said instructions and data for adapting a computer system to:

responsive to a request for invoking a generator routine, identify, in a user amendable generator dictionary that includes at least one logical generator and at least one physical code generator that is independent from each other of the at least one physical code generator, a code generator associated with said generator routine, wherein the identified code generator corresponds to one of a plurality of performed operations of the input data, wherein a plurality of physical code generators is necessary to process a common

application, wherein each physical code generator independently processes a separate portion of the application;

pass said input data to said code generator identified, said code generator being operable to:

call another code generator to generate the source code; and
generate the source code.

19. (Previously Presented) The computer readable medium of claim 18 wherein said instructions and data adapting said computer system to identify said code generator comprises adapting said computer system to:

retrieve from a generator dictionary code generator identity data associated with said generator routine.

20. (Previously Presented) The computer readable medium of claim 19 wherein said instructions and data adapting said computer system to identify said code generator comprises adapting said computer system to:

prior to said retrieving, locate said generator routine in said generator dictionary.

21. (Previously Presented) The computer readable medium of claim 18 wherein said generator dictionary comprises a lookup table.

22. (Previously Presented) The computer readable medium of claim 18 wherein said generator dictionary comprises a text file.